Author Index to Volume 17

Adamson, I. Y. R., 821
Alpert, S. E., 1
Anderson, L. M., 455
Anderson, M. W., 157, 263, 305, 323, 389
Andreozzi, U., 601
Andres, G., 1095
Atzori, L., 615

Beebe, L. E., 455
Beer, D. G., 371
Begin, R., 971
Belinsky, S. A., 263
Benson, B., 91
Berggren, M., 615
Block, E. R., 707
Bolton, J. L., 439
Bonnefoi, M., 853
Boorman, G. A., 107
Bourbon, J. R., 789
Branstetter, D. G., 169
Brentjens, J. R., 1095
Brinster, R. L., 305
Brody, A. R., 1011
Brown, G. M., 923
Brown, W. E., 559
Bruhn, R., 77
Brunda, M., 1095
Buch, S. J., 869
Buckpitt, A. R., 197

Cacace, J. L., 687
Cantin, A., 971
Car, B D., 939
Castleman, W. L., 1025
Castonguay, A., 485
Castranova, V., 1061
Chang, A. M., 197
Chung, F.-L., 501
Churg, A., 997
Crooks, L., 903

Dailey, L. A., 47
Demant, P., 283
deMello, D. E., 91
Devereux, T. R., 263
Devor, D. E., 181
Dixon, D., 107, 131
Doerfler, M. E., 1079
Donaldson, K., 923
Doré, M., 939
Droms, K. A., 359
Drost, E., 923

Eklind, K. I., 501
Eling, T. E., 47
Evans, M. J., 513

Floros, J., 91, 985
Foley, J. F., 157, 263
Forman, H. J., 39
Fox, S. D., 455
Fraher, L. J., 869
Friedman, M., 47

Garbati, M., 601
Gaul, B. W., 157
Gilmour, M. I., 547
Giovanetti, A., 601
Giri, S. N., 569
Goldblatt, P. J., 255
Gonzalez-Rothi, R. J., 687
Gott, K., 903
Gottron, S. A., 559
Greenwell, A., 131
Griesemer, R. A., 403
Gunning, W. T., 255

Han, R. N. N., 869
Hanson, L. A., 371
Harding, H., 91
Hardisty, J. F., 157
Harkema, J. R., 589, 743
Haseman, J. K., 131
Hecht, S. S., 501
Hede, R., 77
Henderson, R. F., 589
Henneman, J. R., 181
Hmieleski, R. R., 547
Hoffman, D. R., 789
Holian, A., 661

Author Index to Volume 17

Adamson, I. Y. R., 821
Alpert, S. E., 1
Anderson, L. M., 455
Anderson, M. W., 157, 263, 305, 323, 389
Andreozzi, U., 601
Andres, G., 1095
Atzori, L., 615

Beebe, L. E., 455
Beer, D. G., 371
Begin, R., 971
Belinsky, S. A., 263
Benson, B., 91
Berggren, M., 615
Block, E. R., 707
Bolton, J. L., 439
Bonnefoi, M., 853
Boorman, G. A., 107
Bourbon, J. R., 789
Branstetter, D. G., 169
Brentjens, J. R., 1095
Brinster, R. L., 305
Brody, A. R., 1011
Brown, G. M., 923
Brown, W. E., 559
Bruhn, R., 77
Brunda, M., 1095
Buch, S. J., 869
Buckpitt, A. R., 197

Cacace, J. L., 687
Cantin, A., 971
Car, B D., 939
Castleman, W. L., 1025
Castonguay, A., 485
Castranova, V., 1061
Chang, A. M., 197
Chung, F.-L., 501
Churg, A., 997
Crooks, L., 903

Dailey, L. A., 47
Demant, P., 283
deMello, D. E., 91
Devereux, T. R., 263
Devor, D. E., 181
Dixon, D., 107, 131
Doerfler, M. E., 1079
Donaldson, K., 923
Doré, M., 939
Droms, K. A., 359
Drost, E., 923

Eklind, K. I., 501
Eling, T. E., 47
Evans, M. J., 513

Floros, J., 91, 985
Foley, J. F., 157, 263
Forman, H. J., 39
Fox, S. D., 455
Fraher, L. J., 869
Friedman, M., 47

Garbati, M., 601
Gaul, B. W., 157
Gilmour, M. I., 547
Giovanetti, A., 601
Giri, S. N., 569
Goldblatt, P. J., 255
Gonzalez-Rothi, R. J., 687
Gott, K., 903
Gottron, S. A., 559
Greenwell, A., 131
Griesemer, R. A., 403
Gunning, W. T., 255

Han, R. N. N., 869
Hanson, L. A., 371
Harding, H., 91
Hardisty, J. F., 157
Harkema, J. R., 589, 743
Haseman, J. K., 131
Hecht, S. S., 501
Hede, R., 77
Henderson, R. F., 589
Henneman, J. R., 181
Hmieleski, R. R., 547
Hoffman, D. R., 789
Holian, A., 661

Hook, G. E., 131
Horton, J., 131
Hotchkiss, J. A., 589, 743
Hyde, D. M., 569

Issaq, H. J., 455
Issekutz, A. C., 803

Jakab, G. J., 547
Johnston, J. M., 789
Jones, B. C., 371

Kasahara, K., 17
Katyal, S. L., 559
Katyal, S. L., 245
Kelloff, G. J., 229
Kennedy, A. L., 559
Kim, K. C., 65, 533
King, G. M., 821
Kovatch, R. M., 455
Krell, R. D., 725
Kunkel, S. L., 17

Lai, Y.-L., 1047
Lange-Carter, C. A., 341
Leigh, D., 327
Lindahl, M., 77
Lineen, A., 389
Ljungman, A., 77
Logun, C., 1079
Lombardi, C. C., 601
Longmate, J., 91
Lundgren, J. D., 1079

Ma, J. Y. C., 1061
Ma, J. K. H., 1061
MacGregor, I., 923
MacNee, W., 923
Madden, M. C., 47
Malanga, C. J., 1061
Malkinson, A. M., 219, 341, 359, 371, 435, 439
Maronpot, R. R., 131, 263, 305, 389, 425
Masse, S., 971
Mo, C.-G., 1061
Moldeus, P., 615
Moller, P. C., 513
Monticello, T. M., 853
Morgan, K. T., 853
Morris, C., 327
Morse, M. A., 501
Morzycki, W., 803
Moseley, P. P., 169

Nakashima, J. M., 569
Neilsen, N. R., 939
Nettesheim, P., 131, 215
Nicolai, G., 601
Nuzum, E. O., 371

Olafsdottir, K., 615
Oomen, L. C. J. M., 283
Osornio-Vargas, A. R., 1011

Packer, C. S., 25
Palmiter, R. D., 305
Pang, A., 197
Patel, J. M., 707
Patterson, C. E., 25
Pepin, P., 485
Phelps, D. S., 91, 985
Plopper, C. G., 197

Queluz, T. T., 1095

Reaves, B., 725
Rehm, S., 181, 229
Rhoades, R. A., 25
Rhodes, G. C., 327
Rieves, R. D., 1079
Roepke, J. E., 25
Ryrfeldt, A., 615

Sadowska, J., 803
Sahebjami, H., 887
Sandgren, E. P., 305
Sannes, P. L., 639
Schapira, R. M., 1011
Scheuch, G., 763
Scheule, R. K., 661
Schreier, H., 687
Schuller, H. M., 837
Schuyler, M. R., 903

Sekharam, M., 707
Shelhamer, J. H., 1079
Shiue, S.-T., 629
Shopp, G., 903
Singh, G., 245, 559
Slauson, D. O., 939
Smith, G. J., 327
Sorden, S. D., 1025
Stafford, E. A., 547
Stahlhofen, W., 763
Standiford, T., 17
Stein, R. L., 725
Stoner, G. D., 157, 255, 389, 405, 485
Straub, L., 687
Strieter, R. M., 17
Strimpler, A. M., 725
Suyemoto, M. M., 939

Tagesson, C., 77
Talley, F., 131
Tanswell, A. K., 869
Ten Have-Opbroek, A. A. W., 111
Thaete, L. G., 219
Thompson, J. A., 439
Thrall, R. S., 629
Townshend-Piala, P., 959
Turpin, J. A., 959

van der Valk, M. A., 283
Villaschi, S., 601
Vladutiu, A. O., 1095

Wade, A. B., 39
Walenga, R. W., 1
Walther, F. J., 39
Wang, Y., 389
Warburton, D., 39
Ward, J. M., 181
White, C. M., 263
White, T., 91
Williams, J. C., 725, 959
Witschi, H., 281, 473
Wong, A., 327
Wong-Chong, M.-L., 559
Wright, J. L., 997
Wu, T., 1079

You, L., 389
You, M., 389
Young, L., 821

Subject Index to Volume 17

Abnormal fatty acid profiles, functional consequences of, 1
Adenoma, types of, 134
Adenosine, pulmonary effects of, 25
Airway basal cells, biology of, 513
Alveolar macrophage (AM) arachidonic acid metabolism, ozone effects of, 47
Alveolar macrophage (AM) phagocytosis, suppression and recovery of, 547
Alveolar type II cells, relation to mouse lung tumors, 181
Antifibrogenic potential of binding drugs, 1061
Antioxidant enzymes, ontogeny of in lamb lung, 39
Arterial pressure, 81
Arylalkyl isothiocyanates, as chemopreventive agents, 501
Asbestos, influence on asbestosis, 971
Asbestosis, outcome after asbestos exposure, 971

Bioaccumulated polychlorinated aromatic hydrocarbons, promotion of mouse lung tumors, 455
Bisbenzylisoquinoline alkaloids, prevention of silica-induced fibrosis, 1061
Breathholding, effect on human conducting airways, 763
Bronchial epithelium, damage and repair of after trichloroethylene inhalation, 601
Bronchiolar cell carcinogenesis, histologic characterization of in the mouse, 229
Bronchiolar epithelial cytotoxicity, 203
Bronchiolar mastocytosis, brown Norway rats induced with, 1025
Bronchiolitis, 1025
Butylated hydoxytoluene (BHT), metabolic relationship with mouse lung tumor promotion, 439

Calcium ionophore-activated neutrophils, influence on pulmonary arterial pressure, 81
cAMP signal transduction pathway, alteration in, 341
Carcinoma, types of, 143
Cell signaling, in mouse lung tumors, 323
Cell-specific markers, 245
Chemopreventive efficacy studies, 485
Chemotactic cytokines, participation in inflammation, 17
Cigarette smoke:
  effects on proteolytic activity of neutrophils, 923
  effects of long-term exposure on pulmonary vascular structure and function, 997
Clara cells, role of in the development of lung tumors after exposure to nitrosamine, 263
Corticosteroid therapy, effect on pulmonary inflammation and compliance, 629
Cultured airway epithelial cells, fatty acid content of, 2
Cytotoxicity, in distal airways, 197

DNA synthesis, following exposure to oxygen, 869

Eicosanoid, production stimulated by platelet-activating factor, 1079
Emphysema-inducing dose of PPE, 959
Endotoxin, in vivo effects on nasal epithelial mucosubstances, 743
Epidermal growth factor (EGF) receptor, 327
Ethylnitrosourea, effects on lung tumor development, 169
Experimental hypersensitivity pneumonitis (EHP), 903

Extracellular matrices:
changes in, 237
components of, 639

Glucocorticoid receptor, expression of in mouse lung tumors, 371
Glucocorticoids, mechanisms of, 359
Glyceraldehyde-3-phosphate dehydrogenase (G3PD), activity in the mouse lung, 255
Glycogen metabolism in the fetal rat lung, 789

Heart rate, effect on aerosol recovery and disperson in human conducting airways after breathholding, 763
High molecular weight mucin-like glycoproteins (HMW MLGP), 65
Histological pattern of lung tumors, 157
Human neutrophil elastase, selective inhibitor of, 725
Human leukocyte elastase (HLE), 959
Hydroperoxides, effect on isolated rat lung mechanisms, 615

ICI 186,756, biochemical and pharmacological characterization of, 725
Interleukin (IL-8), 17
Intratracheal instillation, 569
Isolated airway epithelial cells, fatty acid content of, 2
Isolated perfused rat lung, pulmonary arterial pressure and vascular leakage in, 77
Isolated pulmonary artery, response to adenosine, 25

K-ras genes, expression of in mouse lung tumors, 371

Leukocyte infiltration-inducing factor, produced from endotoxemic rabbits, 803
Liposomes, functional and morphologic interactions with pulmonary alveolar macrophages, 687
Lung cancer, 837
Lung development:
in the mouse embryo, 11
immunocytochemistry of, 114
scanning and transmission electron microscopy, 118
effect on histological tumor patterns, 169
Lung tumor susceptibility:
role of MHC and non-MHC genes in, 283
genetics of, 284
Lung tissue elasticity, 887

Macrophage homologue, induced by inorganic particles, 1011
Metabolism, in distal airways, 197
MHC and non-MHC genes, implications of lung tumor types, 283
Microdissected airways, use of in defining metabolism and cytotoxicity, 197
Mouse lung tumors:
histogenesis of, 107
applications of, 403
Mucin-like glycoproteins:
secreted from hamster tracheal surface epithelial cells, 65
hydrophobic nature and amino acid composition, 65

Nasal epithelial hyperplasia, cumulative ozone effects on, 589
Nasal passages, toxic and neoplastic responses in, 853
Neuroendocrine lung cancer, a receptor-mediated disease, 837
Neutrophil chemotactic factor, 17
Nonciliated columnar (Clara) cells, 123

Oleic acid (OA), induced lung injury and recovery, 629
Oncogenes, in mouse lung tumors, 323
Oxidant-induced inflammation, in lung tumors, 569
Oxygen:
effect on mouse lung tumorigenesis, 473
effect on DNA synthesis, 869

Ozone:
effects of, 47
effect on mouse lung tumorigenesis, 473
effect on alveolar macrophage (AM) phagocytosis, 547

Parainfluenza virus, 1025
Perfused lung, response to adenosine, 25
Peripheral blood neutrophils (PMN), 939
Phospholipid disaturated phosphatidylcholine, 39
Plasma, effect on lung pneumocyte and fibroblast DNA synthesis, 869
Platelet-activating factor:
role of in isolated perfused rat lung, 77
effect on glycogen metabolism in fetal rat lung, 789
Platelet-derived growth factor in a density- and time-dependent manner in vitro, 1011
Pneumoconiosis, immunologic aspects of, 661
Pneumocytes and extracellular matrices, structural and functional relationships between, 639
Pneumonia, brown Norway rats induced with, 1025
Polychlorinated biphenyls (PCBs), 455
Porcine pancreatic elastase (PPE), 959
Postmortem lung, utility of, 91
Primary pulmonary neoplasms: cells of origin in mice, 215, 219
Procoagulant activity in pulmonary alveolar macrophages, 939
Proliferative lung lesions, studies in strain A mice, 157
Proteolytic activity of neutrophils, reduction after exposure to cigarette smoke, 923
Protoncogenes, activation of in mouse lung tumors, 389
Pulmonary alveolar macrophages (PAM), function and morphologic interactions with liposomes, 687, 939
Pulmonary arterial pressure, effect by ionophore-activated neutrophils, 77
Pulmonary carcinogenesis:
in transgenic mice, 305
promotors, inhibitors, and cocarcinogens of, 435
Pulmonary endothelial cell membranes, vitamin E distribution and modulation of, 707
Pulmonary proteins, as cell-specific markers, 245
Pulmonary surfactant proteins, localization of using immunohistochemistry, 985

Rabbit alveolar macrophages, stimulated with endotoxin and lung fragments, 803
Reciprocal epithelial, fibroblast interaction in fetal and adult rat lung, 821
RNA studies, utility of postmortem lung, 91

Secretory metaplasia, cumulative ozone effects on, 589
Serum-free culture media, effect of supplementation of, 5
Spontaneous mouse lung tumors, origin of, 181
Spontaneous pulmonary neoplasms, histomorphology of in strain A mice, 131
Strain A mice:
incidence of spontaneous lung tumors, 131
progression studies of proliferative lesions, 157
Strain-A mouse lung tumor bioassay:
carcinogenicity of environmental chemicals, 405
correlation with long-term bioassays, 425
Suppressor cell influences, 903
Surfactant proteins, RNA studies of, 91, 985
Surfactant-associated protein, identification, isolation, and characterization of, 559

Tachykinins, acute bronchial responses to, 1047
Tobacco-specific NNK:
effect on pulmonary lung development, 263, 501
application to chemopreventive efficacy studies, 485
lung tumorigenicity of, 485
Tracheal explants in cultured feline, 1079
Tracheal epithelial cells, monolayer cultures of, 1
Transformed and nontransformed cell lines, 379

Transgenic mice, pulmonary carcinogenesis in, 305
Transmission electron microscopy, 123
Transplacentally induced mouse lung tumors, origin of, 181
Trichloroethylene, effect on bronchial epithelium, 601
Trypsin, administration of, 959
Type II cells, roles of in the development of lung tumors after exposure to nitrosamine, 263

Urethan-induced mouse lung tumors, 371

Vascular leak syndrome, morphological basis of pulmonary edema in mice, 1095
Vitamin E, distribution and modulation of the physical state and function of endothelial cells, 707